LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002886.D
Acq On : 30 Jul 2020 20:42
Operator : CG/JU
Sample : L3491-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3-S

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.922	3	6	14	rVB2	807378	1305286	7.99%	0.987%
2	2.999	14	19	24	rBV	2176061	2489874	15.25%	1.883%
3	5.322	407	414	424	rBV	5575781	7713609	47.24%	5.834%
4	6.887	672	680	692	rBV	5040381	7711764	47.23%	5.833%
5	7.316	749	753	760	rBV	146793	232719	1.43%	0.176%
6	7.716	814	821	829	rVB	2001258	3043302	18.64%	2.302%
7	8.857	1007	1015	1029	rBV	3121530	5046808	30.91%	3.817%
8	10.498	1286	1294	1302	rBV	2455685	4052401	24.82%	3.065%
9	12.975	1708	1715	1722	rBV	7536309	11056670	67.71%	8.362%
10	13.275	1760	1766	1773	rBV	1299414	1960706	12.01%	1.483%
11	13.810	1847	1857	1867	rBV	899717	1259888	7.72%	0.953%
12	14.351	1943	1949	1956	rBV	3510771	5151012	31.55%	3.896%
13	15.510	2141	2146	2153	rBV	405746	524170	3.21%	0.396%
14	15.839	2196	2202	2215	rBV	5089086	7381163	45.20%	5.583%
15	17.104	2411	2417	2421	rBV	4396192	6050368	37.05%	4.576%
16	17.145	2421	2424	2430	rVB	687065	869396	5.32%	0.658%
17	17.233	2431	2439	2445	rVB	228524	369529	2.26%	0.279%
18	18.027	2569	2574	2581	rBV	615816	869262	5.32%	0.657%
19	18.098	2582	2586	2592	rVB2	94007	172301	1.06%	0.130%
20	18.169	2592	2598	2602	rBV3	247966	467483	2.86%	0.354%
21	18.463	2643	2648	2651	rBV2	106504	194075	1.19%	0.147%
22	18.774	2695	2701	2711	rBV	523257	706526	4.33%	0.534%
23	18.863	2712	2716	2722	rVV3	471327	662651	4.06%	0.501%
24	18.933	2724	2728	2732	rVV5	125263	231967	1.42%	0.175%
25	18.998	2736	2739	2748	rVB4	132284	214929	1.32%	0.163%
26	19.122	2755	2760	2765	rBV	2664084	3380087	20.70%	2.556%
27	19.174	2765	2769	2776	rVV2	315228	442917	2.71%	0.335%
28	19.269	2781	2785	2790	rBV2	230919	355003	2.17%	0.268%
29	19.474	2811	2820	2828	rBV	2277062	3828320	23.44%	2.895%
30	19.680	2847	2855	2865	rVB	13102356	16329017	100.00%	12.350%
31	19.798	2869	2875	2879	rBV3	154908	349424	2.14%	0.264%
32	19.921	2893	2896	2899	rBV4	117243	179119	1.10%	0.135%
33	19.957	2899	2902	2907	rVB2	419373	565597	3.46%	0.428%
34	20.057	2915	2919	2923	rBV	352981	417596	2.56%	0.316%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002886.D
Acq On : 30 Jul 2020 20:42
Operator : CG/JU
Sample : L3491-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3-S

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	20.110	2924	2928	2932	rVV2	222651	326777	2.00%	0.247%
36	20.292	2956	2959	2964	rBV2	138892	213425	1.31%	0.161%
37	20.686	3023	3026	3033	rVB	190754	290100	1.78%	0.219%
38	20.851	3052	3054	3057	rVB	180080	169512	1.04%	0.128%
39	20.892	3057	3061	3064	rBV2	329065	462142	2.83%	0.350%
40	20.939	3064	3069	3074	rVV4	1569852	2282018	13.98%	1.726%
41	20.986	3074	3077	3086	rVB2	814543	1226330	7.51%	0.928%
42	21.198	3106	3113	3116	rVV2	6717864	10399920	63.69%	7.866%
43	21.233	3116	3119	3127	rVB	1501408	1963936	12.03%	1.485%
44	21.351	3135	3139	3142	rBV	278567	345433	2.12%	0.261%
45	21.504	3161	3165	3171	rBV2	220480	362521	2.22%	0.274%
46	22.304	3299	3301	3308	rVB	195561	247765	1.52%	0.187%
47	22.780	3377	3382	3387	rBV	1316054	2956298	18.10%	2.236%
48	22.957	3408	3412	3418	rVB	259187	411233	2.52%	0.311%
49	23.268	3460	3465	3472	rVB	817827	1616635	9.90%	1.223%
50	23.362	3475	3481	3488	rBV	1207273	2273564	13.92%	1.720%
51	23.462	3489	3498	3504	rBV2	3923494	8035787	49.21%	6.078%
52	25.768	3884	3890	3907	rVB2	600369	1809106	11.08%	1.368%
53	26.468	4004	4009	4022	rVB	456321	1240775	7.60%	0.938%

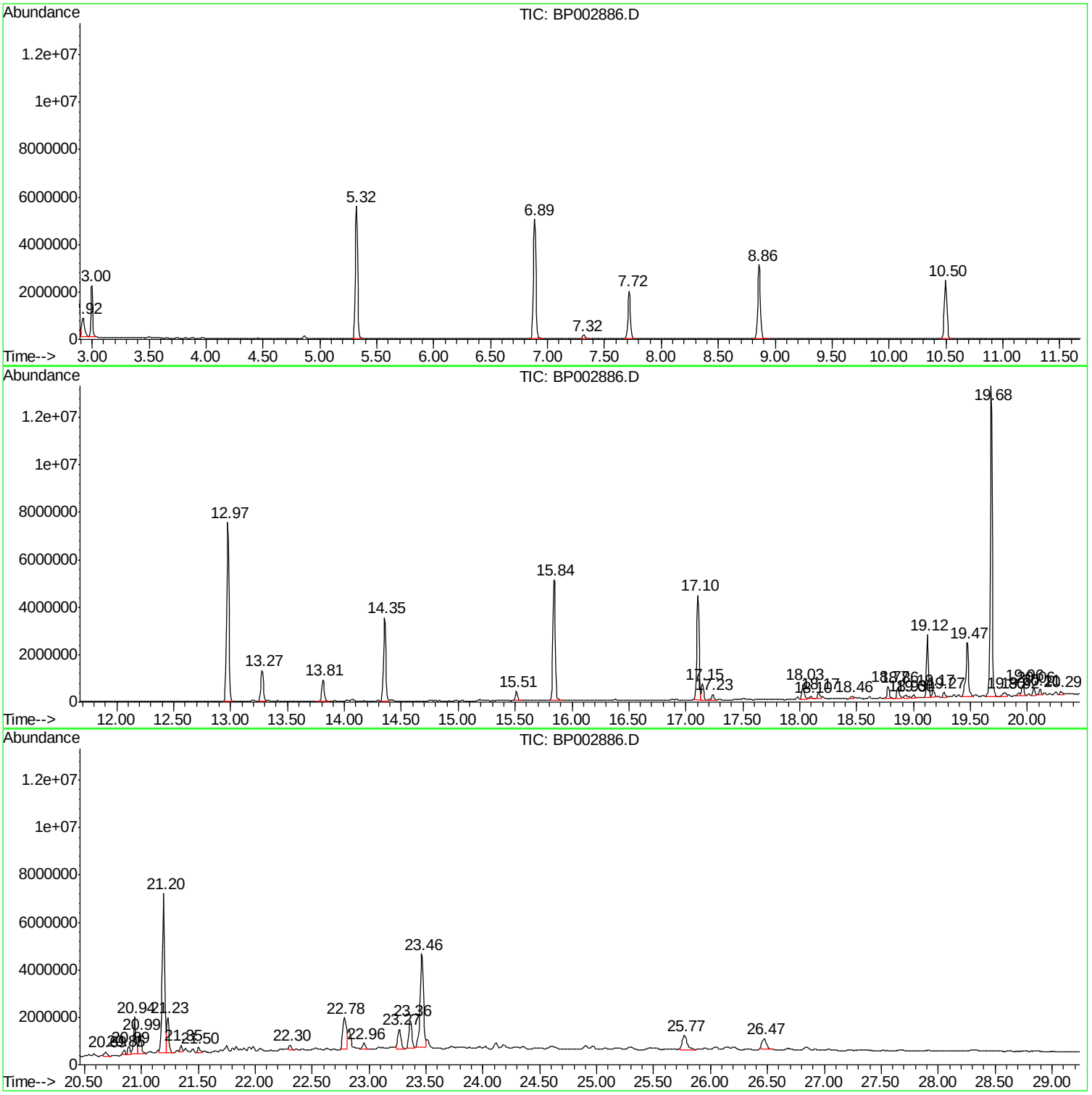
Sum of corrected areas: 132218216

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002886.D
Acq On : 30 Jul 2020 20:42
Operator : CG/JU
Sample : L3491-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002886.D
Acq On : 30 Jul 2020 20:42
Operator : CG/JU
Sample : L3491-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

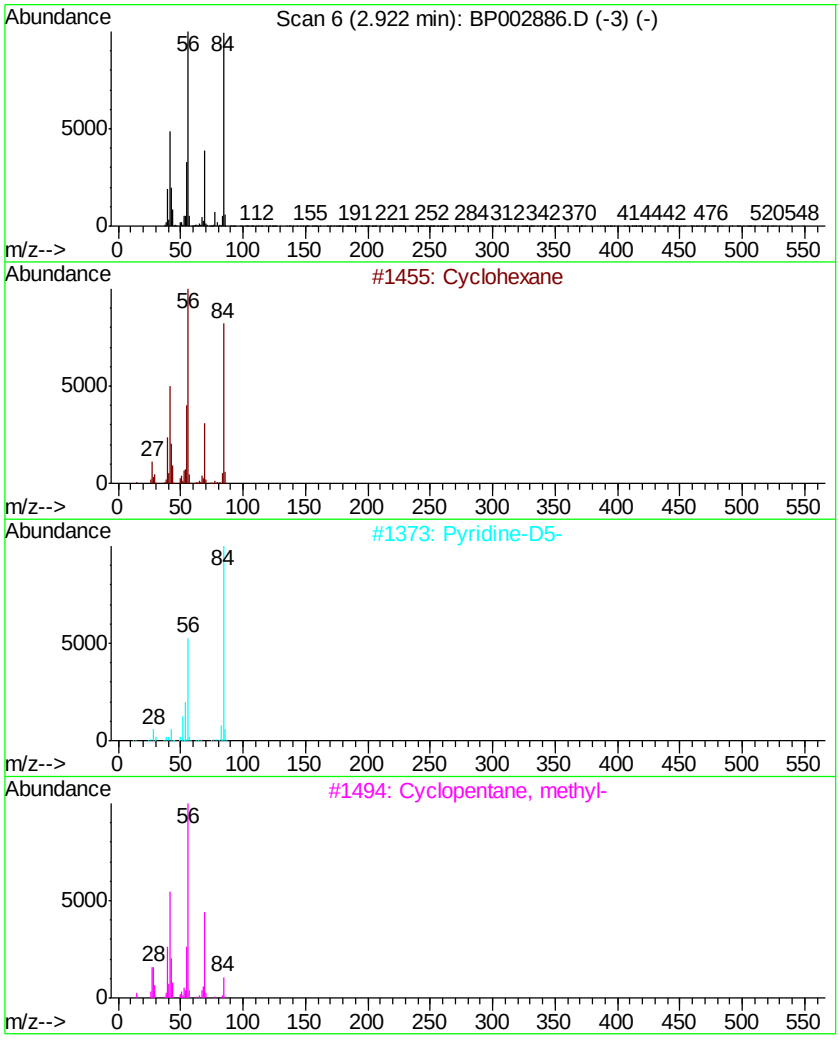
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

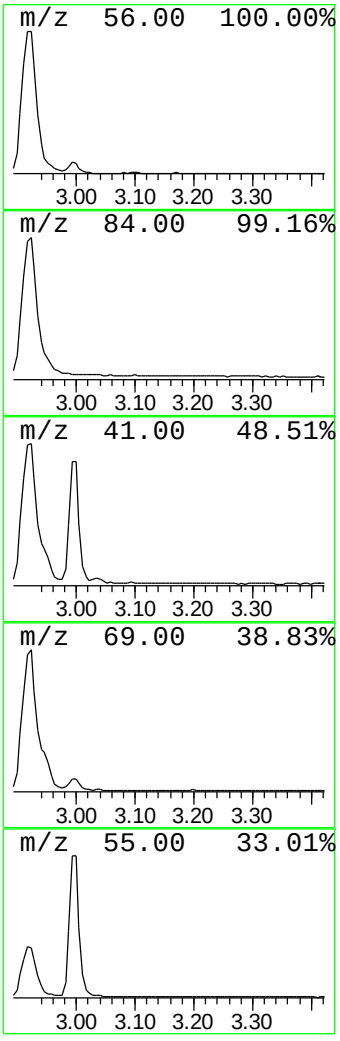
****

Peak Number 1 Cyclohexane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.92	8.58 ng	1305290	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Pyridine-D5-	84	C5D5N	007291-22-7	64
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	43
5	4H-1,2,4-Triazol-4-amine	84	C2H4N4	000584-13-4	43





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002886.D
Acq On : 30 Jul 2020 20:42
Operator : CG/JU
Sample : L3491-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

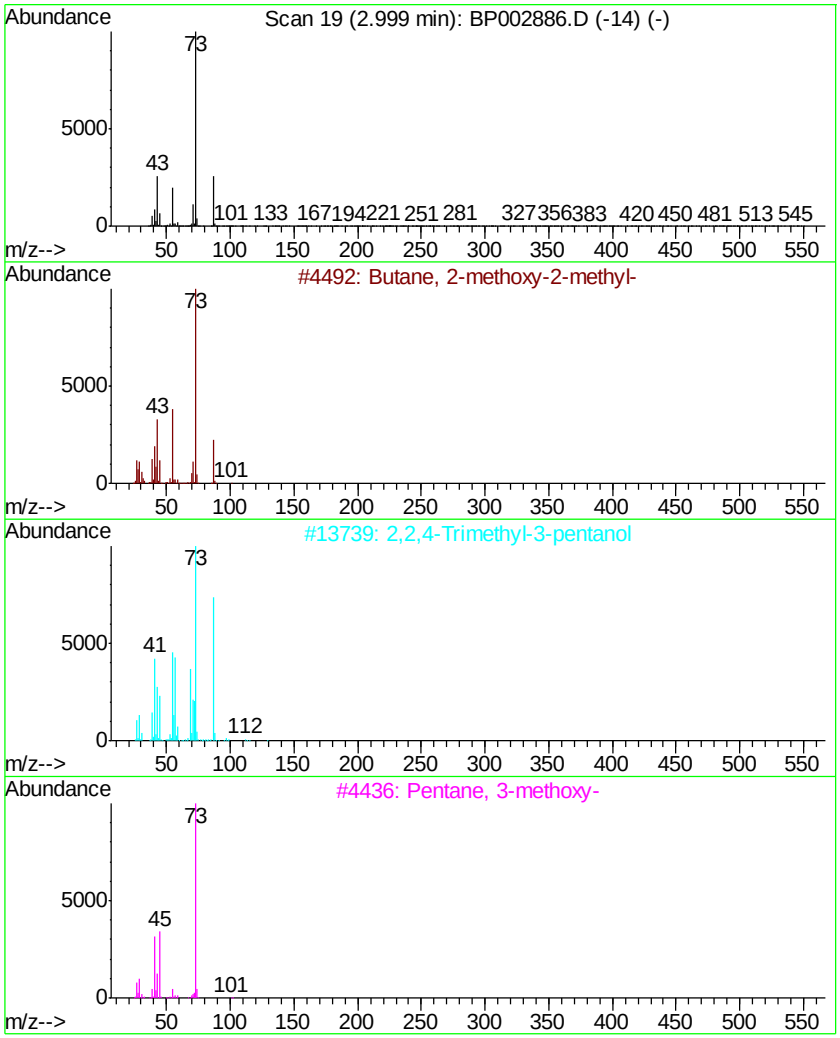
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

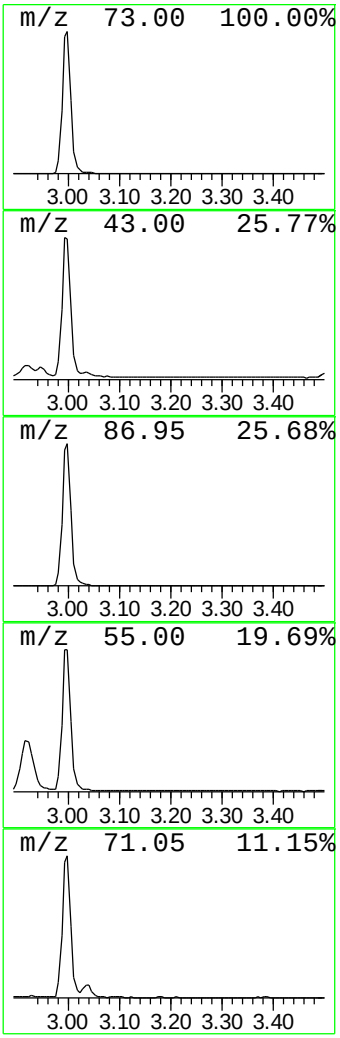
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.00	16.36 ng	2489870	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002886.D
Acq On : 30 Jul 2020 20:42
Operator : CG/JU
Sample : L3491-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

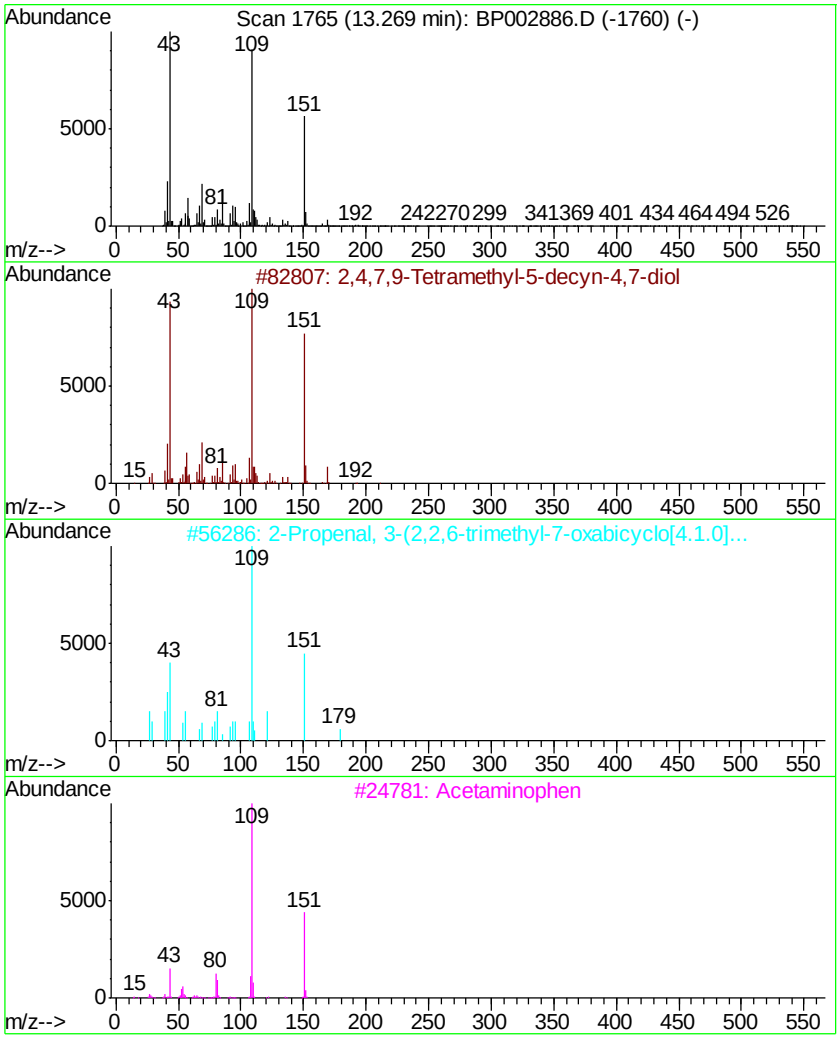
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

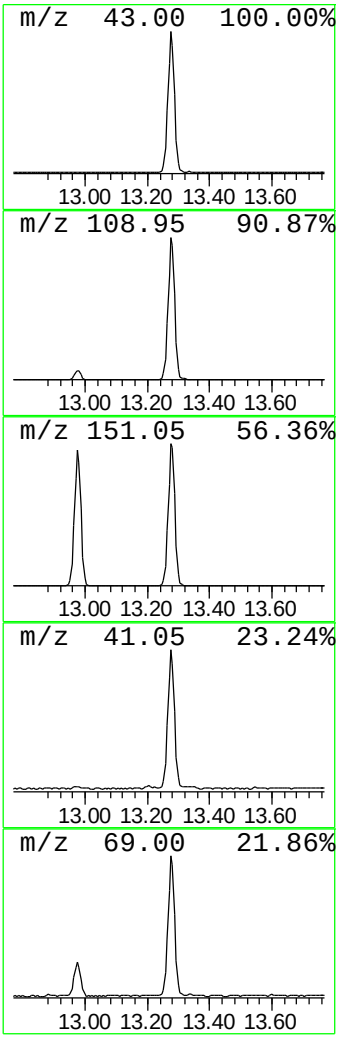
****

Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	7.61 ng	1960710	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	59
3	Acetaminophen	151	C8H9NO2	000103-90-2	50
4	Metacetamol	151	C8H9NO2	000621-42-1	50
5	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002886.D
Acq On : 30 Jul 2020 20:42
Operator : CG/JU
Sample : L3491-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

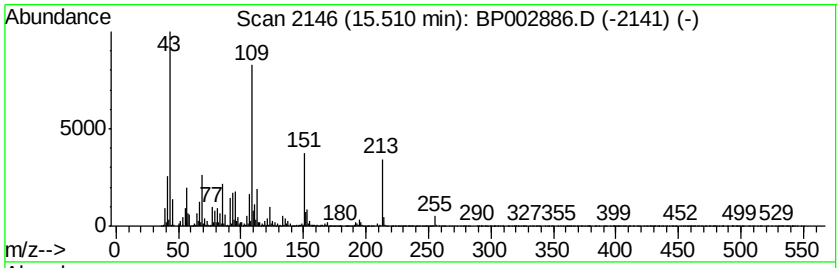
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

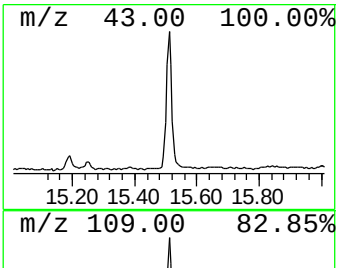
****

Peak Number 4 unknown15.51 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	2.04 ng	524170	Acenaphthene-d10	14.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Camphorsulfonic acid	232	C10H16O4S	003144-16-9	43
2	Metacetamol	151	C8H9NO2	000621-42-1	38
3	Acetaminophen	151	C8H9NO2	000103-90-2	35
4	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	35
5	Diethyl cyanomethylphosphonate	177	C6H12NO3P	002537-48-6	30





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002886.D
Acq On : 30 Jul 2020 20:42
Operator : CG/JU
Sample : L3491-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

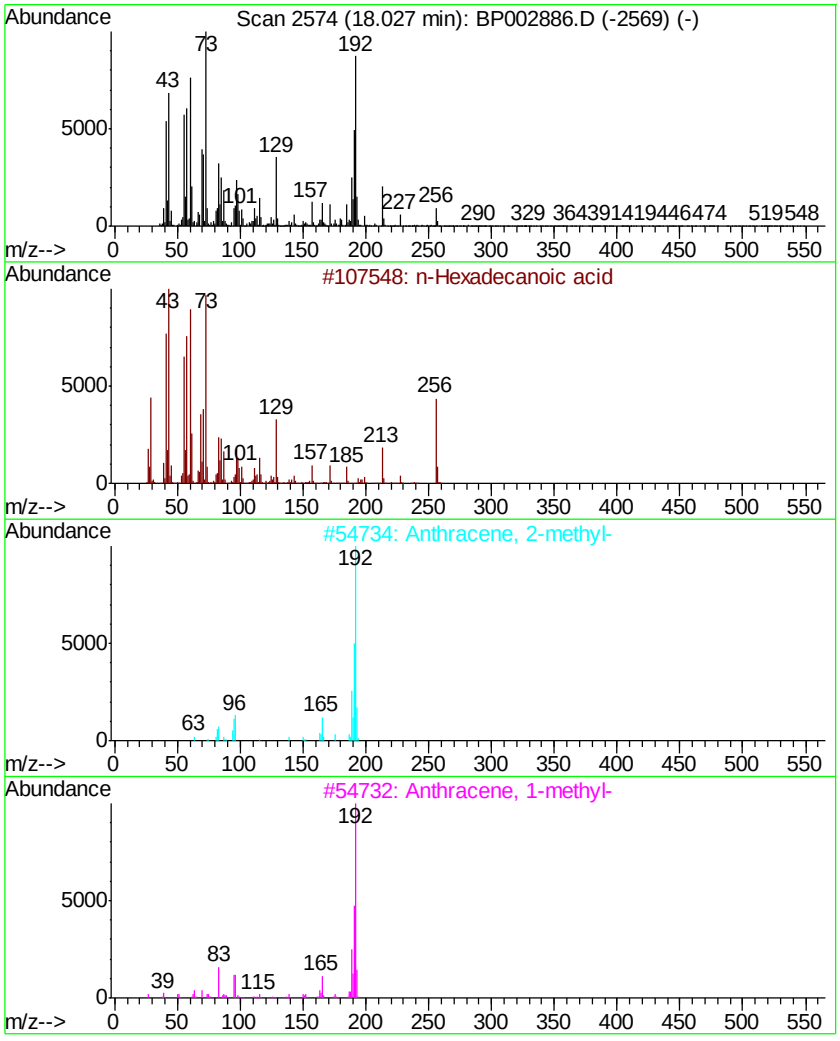
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

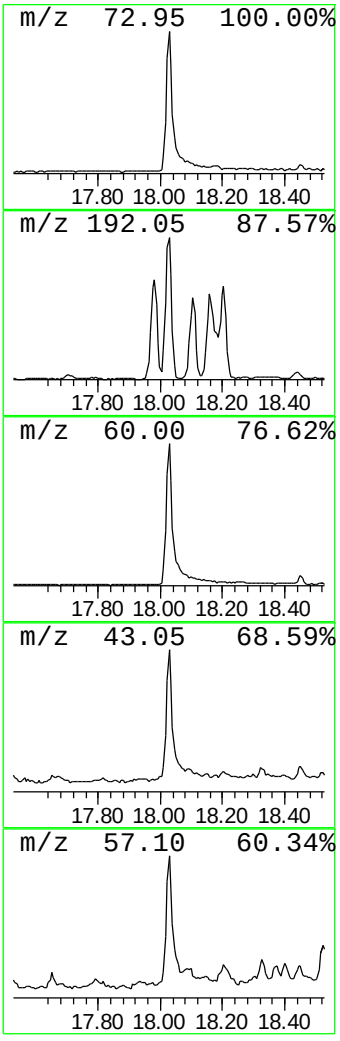
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.87 ng	869262	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	92





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002886.D
Acq On : 30 Jul 2020 20:42
Operator : CG/JU
Sample : L3491-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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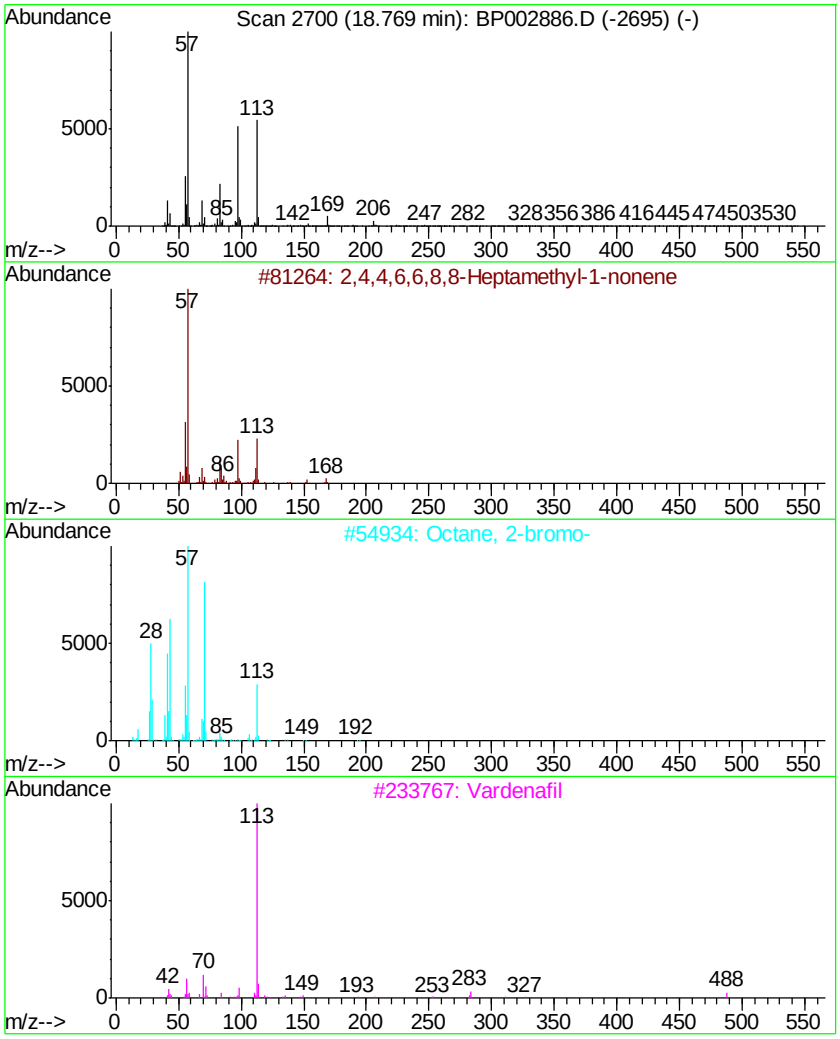
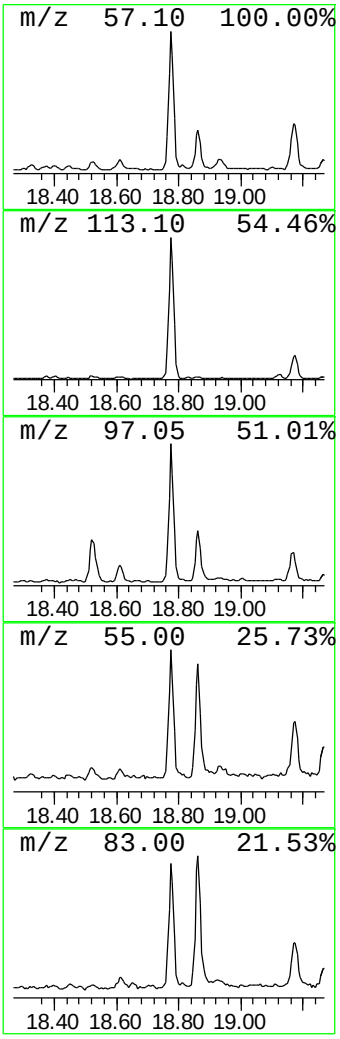
Peak Number 6 2,4,4,6,6,8,8-Heptamethyl-1... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.34 ng	706526	Phenanthrene-d10	17.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	78
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	38
3	Vardenafil	488	C23H32N6O4S	224785-90-4	27
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	27
5	2,4,4-Trimethyl-1-pentanol, pent...	276	C11H17F5O2	1000365-51-0	27





Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002886.D
Acq On : 30 Jul 2020 20:42
Operator : CG/JU
Sample : L3491-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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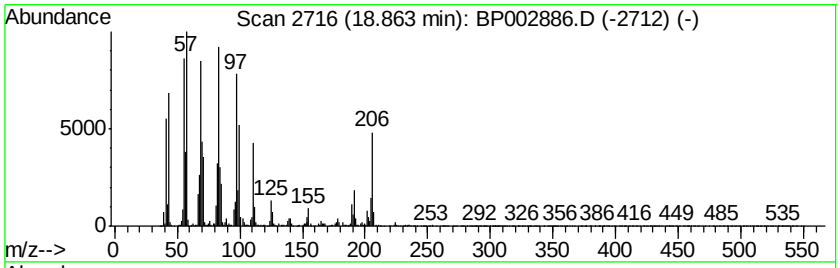
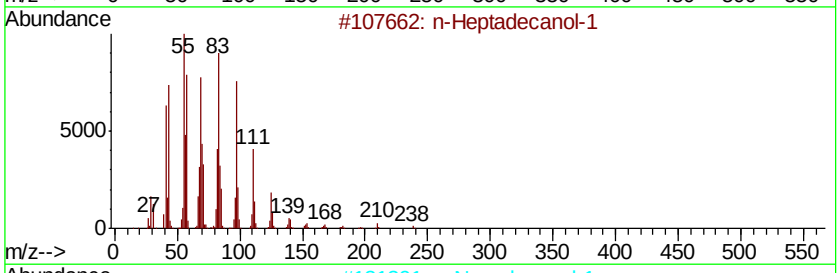
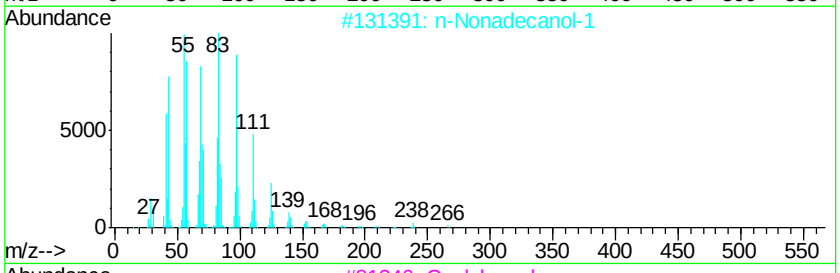
Peak Number 7 n-Heptadecanol-1 Concentration Rank 9

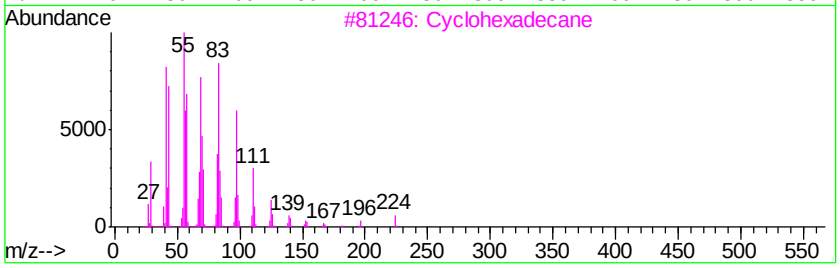
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	2.19 ng	662651	Phenanthrene-d10	17.10

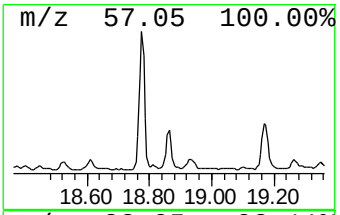
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Heptadecanol-1	256	C17H36O	001454-85-9	81
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	81
3	Cyclohexadecane	224	C16H32	000295-65-8	70
4	3-Octadecene, (E)-	252	C18H36	007206-19-1	68
5	Acetic acid, chloro-, octadecyl ...	346	C20H39ClO2	005348-82-3	68

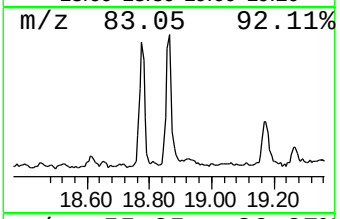


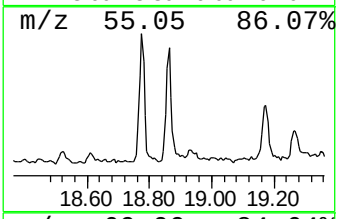


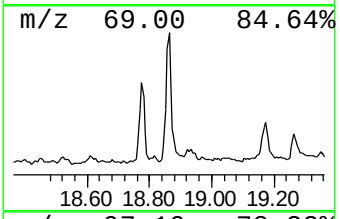


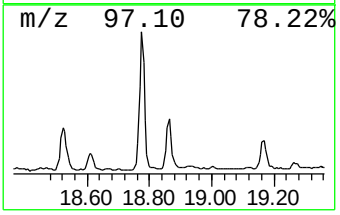












Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002886.D
Acq On : 30 Jul 2020 20:42
Operator : CG/JU
Sample : L3491-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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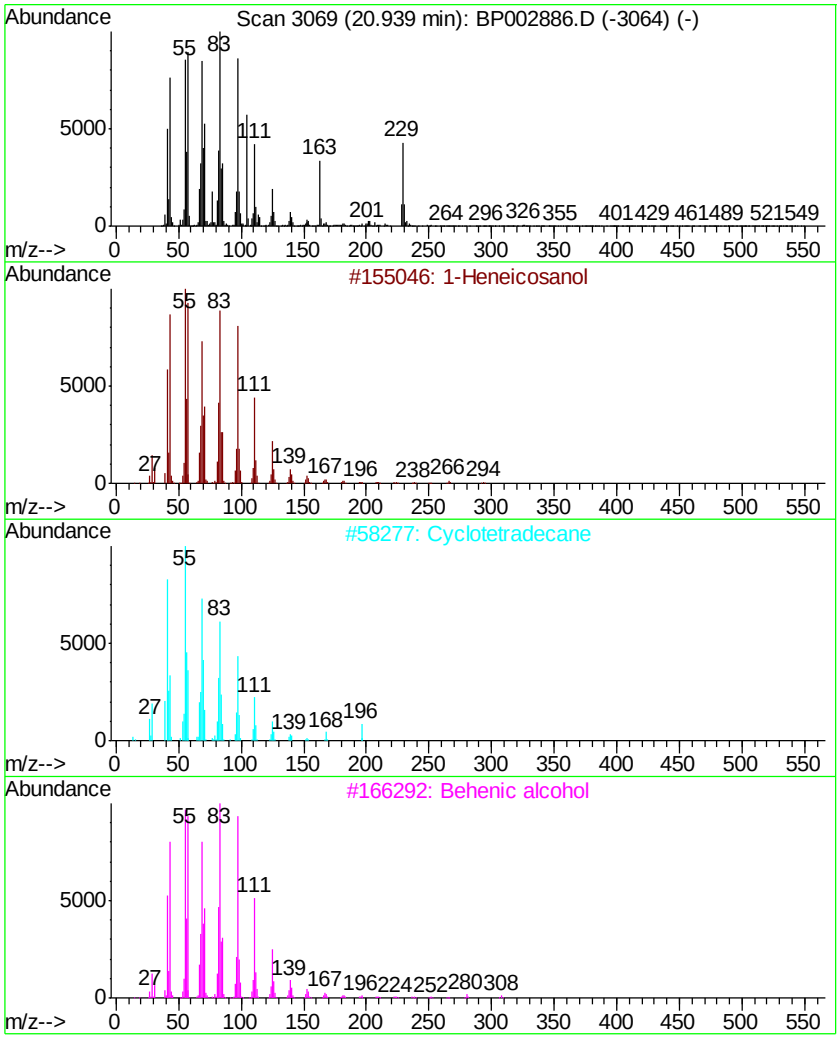
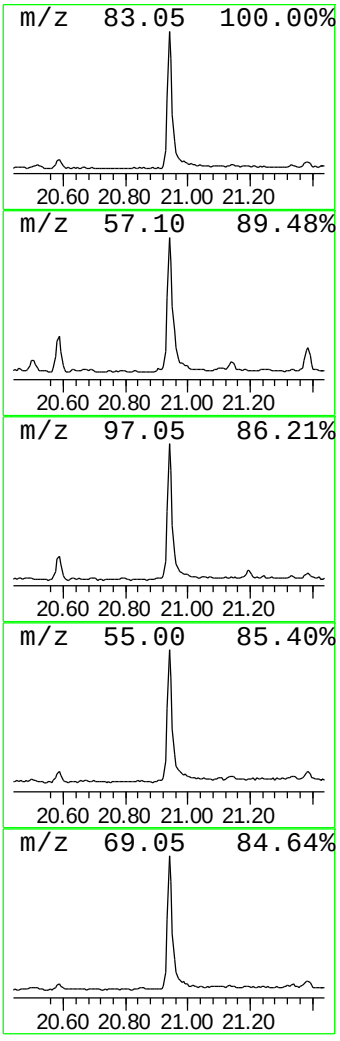
Peak Number 8 1-Heneicosanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	4.39 ng	2282020	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	93
2	Cyclotetradecane	196	C14H28	000295-17-0	93
3	Behenic alcohol	326	C22H46O	000661-19-8	90
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
5	Octacosyl acetate	452	C30H60O2	018206-97-8	87





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Data File : BP002886.D
Acq On : 30 Jul 2020 20:42
Operator : CG/JU
Sample : L3491-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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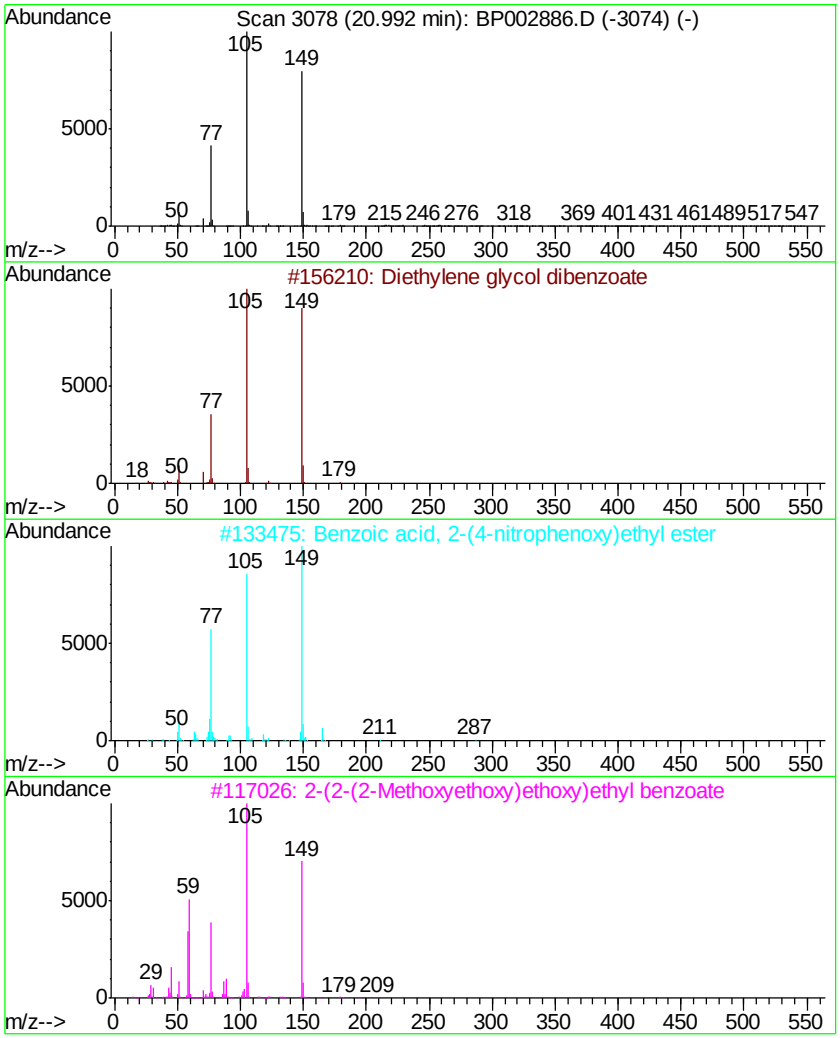
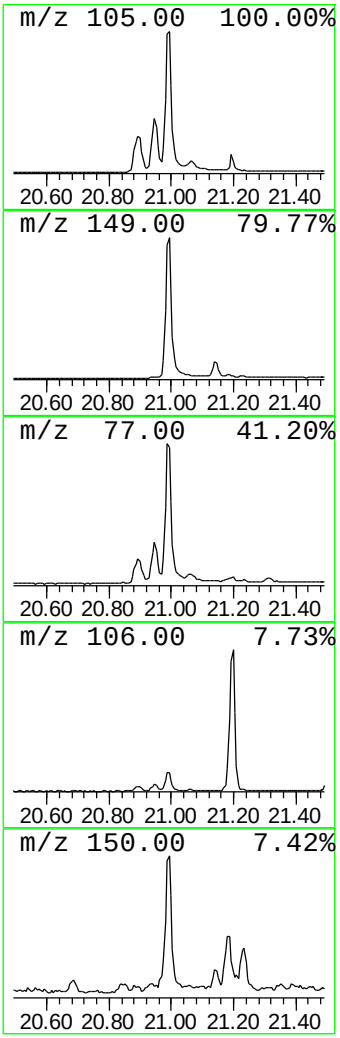
Peak Number 9 Diethylene glycol dibenzoate Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	2.36 ng	1226330	Chrysene-d12	21.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethylene glycol dibenzoate	314	C18H18O5	000120-55-8	80
2	Benzoic acid, 2-(4-nitrophenoxy)...	287	C15H13NO5	1000368-92-7	78
3	2-(2-(2-Methoxyethoxy)ethoxy)eth...	268	C14H20O5	1000366-99-1	74
4	2,2'-(Ethane-1,2-diylbis(oxy))bi...	358	C20H22O6	1000366-99-4	64
5	1,3-Dioxolane, 2-(methoxymethyl)...	194	C11H14O3	1000156-71-2	53





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP073020\
Data File : BP002886.D
Acq On : 30 Jul 2020 20:42
Operator : CG/JU
Sample : L3491-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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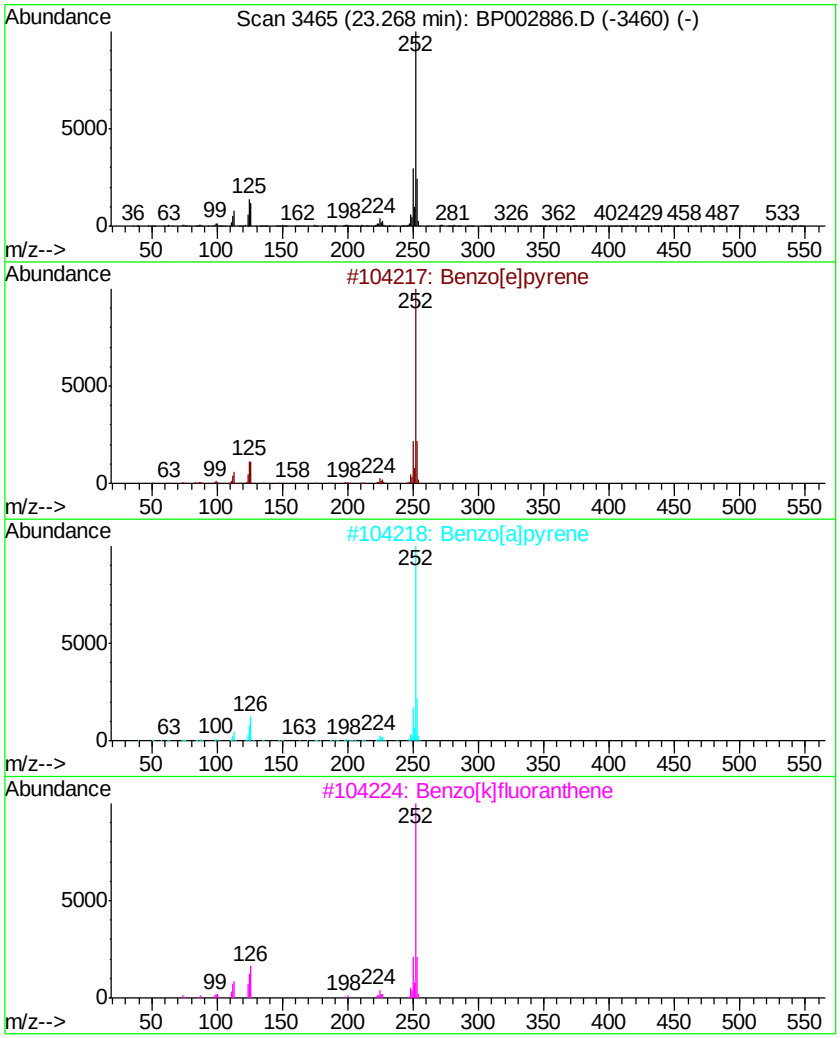
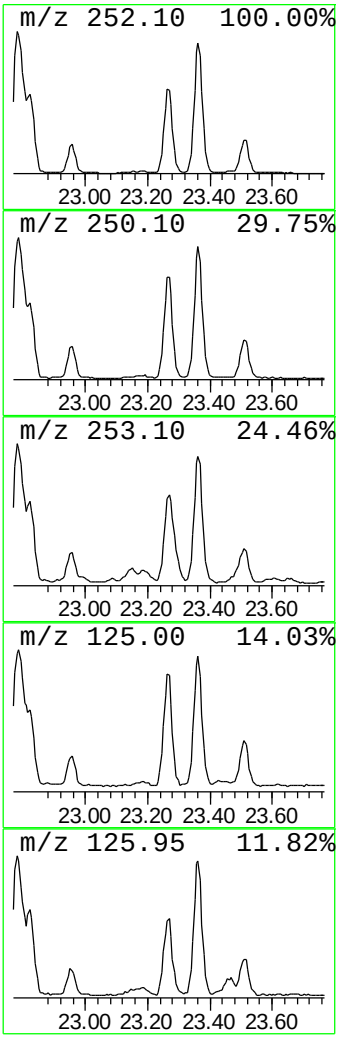
Peak Number 10 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.27	4.02 ng	1616640	Perylene-d12	23.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Perylene	252	C20H12	000198-55-0	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP073020\
Data File : BP002886.D
Acq On : 30 Jul 2020 20:42
Operator : CG/JU
Sample : L3491-12
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : TP-3-S

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP073020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Cyclohexane	2.92	8.6	ng	1305290	1	7.72	3043300	20.0
Butane, 2-methoxy...	3.00	16.4	ng	2489870	1	7.72	3043300	20.0
2,4,7,9-Tetrameth...	13.27	7.6	ng	1960710	3	14.35	5151010	20.0
unknown15.51	15.51	2.0	ng	524170	3	14.35	5151010	20.0
n-Hexadecanoic acid	18.03	2.9	ng	869262	4	17.10	6050370	20.0
2,4,4,6,6,8,8-Hep...	18.77	2.3	ng	706526	4	17.10	6050370	20.0
n-Heptadecanol-1	18.86	2.2	ng	662651	4	17.10	6050370	20.0
1-Heneicosanol	20.94	4.4	ng	2282020	5	21.20	10399900	20.0
Diethylene glycol...	20.99	2.4	ng	1226330	5	21.20	10399900	20.0
Benzo[e]pyrene	23.27	4.0	ng	1616640	6	23.46	8035790	20.0